

RF 502.1258USN 9/22/06

- 3 -

In the claims:

Amend the claims as follows:

- 5     ~~1.1.~~ (Currently amended) A ~~m~~Method for device management by  
managing objects in devices in a device management system  
in a mobile network infrastructure, the system having  
~~comprising~~ a first server with a first device management  
10     application using a first protocol, a second server with a  
second device management application using a second  
protocol, an interface between them and a device with  
objects to be managed, the method being  
~~c-h-a-r-a-c-t-e-r-i-z-e-d by the following steps in~~  
~~combination~~comprising:
- 15     a) the first management application initiating a device  
management session with the interface in order to manage  
the objects in said device,  
b) the interface translating the objects to be managed into  
a form understood by the second management application and  
20     invoking management operations to be made by the second  
management application, and  
c) the first management application performing the  
management operations to said device.
- 25     2. (Currently amended) The ~~m~~Method of claim 1, ~~c-h-a-r-a-c-t-~~  
~~e-r-i-z-e-d by the further steps in which~~wherein the method  
further comprises the steps of:  
d) the first management application responding to the  
interface,  
30     e) the interface translating the objects to be managed  
into a form understood by the first management application,  
and  
f) the first management application continuing said  
device management session with the interface.

35

RF 502.1258USN 9/22/06

- 4 -

3. (Currently amended) ~~The mMethod of claim 1, characterized in that~~ wherein the mobile network infrastructure comprises the GSM network and a public network, ~~such as internet.~~

5

4. (Currently amended) ~~The mMethod of claim 2, characterized in that~~ wherein the device with the objects to be managed is selected from a SIM card in a mobile station, a USIM card in a mobile station, a handset in a mobile station, and a smart card in a computer connected to a handset in a mobile station.

10

5. (Currently amended) ~~The mMethod of any of claims 1-3, characterized in that~~ claim 1 wherein the first device management application uses the a SyncML DM protocol.

15

6. (Currently amended) ~~The mMethod of claim 3 or 4, characterized in that~~ wherein the device with the objects to be managed is the SIM card in a mobile station and the second device management application uses a SIM File Management (SFM) protocol.

20

7. (Currently amended) ~~The mMethod of any of claims 1-6, characterized in that~~ claim 1 wherein in the translation of step b), the data objects to be managed are OMA-DM managed objects that are mapped onto data entities residing on SIM understood by a SIM File Management (SFM) protocol-.

25

30

8. (Currently amended) ~~The mMethod of claim 7 characterized in that~~ wherein for each OMA-DM protocol command, the translation is performed by selecting the an appropriate RFM protocol command equivalent based on the mobile device type, ~~more specifically, the SIM card type.~~

35

RF 502.1258USN 9/22/06

- 5 -

9. (Currently amended) ~~The mMethod of any of claims 1-8, c~~  
~~h-a-r-a-c-t-e-r-i-z-e-d in that claim 1 wherein after~~  
5       step a), the interface checks the identity of the device  
by means of a subscription identity, ~~such as IMSI or~~  
~~MSISDN, and handset identity, such as the IMEI from a~~  
~~repository in the infrastructure.~~
10.       (Currently amended) ~~The mMethod of claim 9, c-h-a-r~~  
10       ~~a-c-t-e-r-i-z-e-d in that wherein the RFM protocol~~  
command includes ~~also the~~ a selection of the transport  
channel.
11.       (Currently amended) ~~The mMethod of any of claims 1-~~  
15       ~~10, c-h-a-r-a-c-t-e-r-i-z-e-d in that claim 1 wherein the~~  
interface translating the objects to be managed is an  
application making use of a conversion map holding the  
relationships between objects to be managed of different  
protocols.
- 20
12.       (Currently amended) A sSystem for managing objects  
in devices in a device management system in a mobile  
network infrastructure, the system comprising:  
a first server with a first device management application  
25       using a first protocol,  
a second server with a second device management application  
using a second protocol,  
an interface between them implementing protocol conversion,  
a database storing mapping relationships between first  
30       protocol objects to be managed and second protocol objects  
to be managed, and  
a device with second protocol objects to be managed.
13.       (Currently amended) ~~The sSystem of claim 12, c-h-a-r~~  
35       ~~a-c-t-e-r-i-z-e-d in that wherein the mobile network~~

RF 802.1258USM 9/22/06

- 6 -

infrastructure comprises the GSM network and a public network, ~~such as internet.~~

5 14. (Currently amended) The sSystem of claim 12 or 13,  
~~h a r a c t e r i z e d i n t h a t w h e r e i n~~ the device with  
the objects to be managed is selected from a SIM card in  
a mobile station, an USIM card in a mobile station, a  
handset in a mobile station, and a smart card in a  
computer connected to a handset in a mobile station.

10 15. (Currently amended) The sSystem of claim 12, ~~c h a r~~  
~~a c t e r i z e d i n t h a t s a i d w h e r e i n~~ the first  
protocol is the a SyncML DM protocol.

15 16. (Currently amended) The sSystem of claim 14 and 15,  
~~c h a r a c t e r i z e d i n t h a t w h e r e i n~~ the device  
with the objects to be managed is the SIM card in a  
mobile station and said second protocol is a SIM File  
Management (SFM) protocol.

20 17. (Currently amended) The sSystem of any of claims 12  
~~— 16, c h a r a c t e r i z e d i n t h a t c l a i m 12 w h e r e i n~~  
the first protocol objects to be managed are managed  
Objects (MO) according to ~~the~~ a SyncML DM protocol and  
25 the second protocol objects to be managed are SIM files  
according to a SIM File Management (SFM) protocol.